Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080316\
Data File : BF089570.D
Acq On : 3 Aug 2016 21:01
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
sohil
8/4/2016 6:11:34 PM

Quant Time: Aug 04 07:36:49 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 04 07:15:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	38079	20.00	ng		0.00
21) Naphthalene-d8	9.50	136	164903	20.00	ng		0.00
38) Acenaphthene-d10	12.32	164	75432	20.00	ng		0.00
63) Phenanthrene-d10	14.72	188	143310	20.00	ng		0.00
75) Chrysene-d12	18.41	240	89038	20.00	ng		0.00
86) Perylene-d12	20.07	264	65491	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	245644	106.87	ng		0.00
7) Phenol-d6	7.00	99	322893	105.40	ng		0.00
23) Nitrobenzene-d5	8.38	82	313187	105.06	ng		0.00
41) 2,4,6-Tribromophenol	13.61	330	64724	108.03	ng		0.00
44) 2-Fluorobiphenyl	11.28	172	584661	100.66	ng		0.00
78) Terphenyl-d14	17.07	244	444422	100.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.77	88	65501	51.53	ng		100
3) Pyridine	2.34	79	135083	51.00	ng		98
4) n-Nitrosodimethylamine	2.32	42	54378	49.84	ng		97
6) Aniline	6.96	93	213388	50.76	ng		98
8) 2-Chlorophenol	7.14	128	146856	53.38	ng		100
9) Benzaldehyde	6.78	77	56815	52.06	ng		98
10) Phenol	7.03	94	171785	54.14	ng		98
11) bis(2-Chloroethyl)ether	7.11	93	141439	50.72	ng		99
12) 1,3-Dichlorobenzene	7.37	146	154319	51.15	ng		100
13) 1,4-Dichlorobenzene	7.50	146	151185	50.18	ng		99
14) 1,2-Dichlorobenzene	7.72	146	156359	50.01	ng		99
15) Benzyl Alcohol	7.76	79	106741	53.34	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.95	45	172876	50.26	ng		98
17) 2-Methylphenol	7.96	107	104499	51.92	ng		98
18) Hexachloroethane	8.25	117	62868	49.69	ng		98
19) n-Nitroso-di-n-propylamine	8.19	70	115276	100.53	ng		93
20) 3+4-Methylphenols	8.23	107	132481	50.28	ng		100
22) Acetophenone	8.16	105	218265	55.76	ng	#	95
24) Nitrobenzene	8.41	77	154532	49.86	ng		98
25) Isophorone	8.81	82	281779	49.78	ng		99
26) 2-Nitrophenol	8.91	139	66767	51.67	ng		99
27) 2,4-Dimethylphenol	9.05	122	122482	52.90	ng		98
28) bis(2-Chloroethoxy)methane	9.20	93	178513	52.66	ng		99
29) 2,4-Dichlorophenol	9.32	162	111442	51.16	ng		99
30) 1,2,4-Trichlorobenzene	9.43	180	129457	52.00	ng		99
31) Naphthalene	9.53	128	444652	50.71	ng		100
32) Benzoic acid	9.39	122	81943	53.28	ng		98
33) 4-Chloroaniline	9.67	127	177584	52.44	ng		98
34) Hexachlorobutadiene	9.75	225	71694	49.64	ng		98
35) Caprolactam	10.32	113	35387	55.23	ng		93
36) 4-Chloro-3-methylphenol	10.52	107	137336	53.80	ng		98
37) 2-Methylnaphthalene	10.65	142	269020	50.19	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.94	216	148502	52.24	ng		100
40) Hexachlorocyclopentadiene	10.91	237	45432	47.81	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.15	196	74626	53.70	ng		98
43) 2,4,5-Trichlorophenol	11.22	196	79958	53.82	ng		99
45) 1,1'-Biphenyl	11.43	154	349856	51.36	ng		99
46) 2-Chloronaphthalene	11.44	162	262888	51.51	ng		99
47) 2-Nitroaniline	11.64	65	84734	52.34	ng		99
48) Acenaphthylene	12.09	152	428065	50.87	ng		100
49) Dimethylphthalate	11.99	163	300635	52.02	ng		99
50) 2,6-Dinitrotoluene	12.07	165	63102	54.57	ng		92
51) Acenaphthene	12.38	154	246618	50.56	ng		100
52) 3-Nitroaniline	12.33	138	72404	53.11	ng		95
53) 2,4-Dinitrophenol	12.54	184	23229	51.97	ng		94
54) Dibenzofuran	12.66	168	341839	51.49	ng		99
55) 4-Nitrophenol	12.71	139	41871m	56.06	ng		
56) 2,4-Dinitrotoluene	12.72	165	84175	54.17	ng		97
57) Fluorene	13.21	166	294245	52.10	ng		100
58) 2,3,4,6-Tetrachlorophenol	12.89	232	55140	52.56	ng		98
59) Diethylphthalate	13.13	149	301494	51.49	ng		98
60) 4-Chlorophenyl-phenylether	13.25	204	134088	52.83	ng		98
61) 4-Nitroaniline	13.34	138	66841	55.95	ng		97
62) Azobenzene	13.51	77	311897	51.94	ng		93
64) 4,6-Dinitro-2-methylphenol	13.38	198	43983	50.80	ng		92
65) n-Nitrosodiphenylamine	13.46	169	251990	51.60	ng		99
66) 4-Bromophenyl-phenylether	14.03	248	73744	52.67	ng	#	84
67) Hexachlorobenzene	14.09	284	76422	50.46	ng		99
68) Atrazine	14.38	200	68185	53.96	ng		97
69) Pentachlorophenol	14.45	266	29082	50.89	ng		99
70) Phenanthrene	14.75	178	395438	51.66	ng		100
71) Anthracene	14.83	178	420881	50.29	ng		100
72) Carbazole	15.13	167	363290	53.66	ng		97
73) Di-n-butylphthalate	15.71	149	457935	52.88	ng		100
74) Fluoranthene	16.51	202	407212	52.56	ng		99
76) Benzidine	16.75	184	122256	50.35	ng		99
77) Pyrene	16.81	202	403973	51.04	ng		100
79) Butylbenzylphthalate	17.74	149	162203	54.61	ng		94
80) Benzo(a)anthracene	18.40	228	265920	51.25	ng		100
81) 3,3'-Dichlorobenzidine	18.39	252	85698	52.70	ng		98
82) Chrysene	18.45	228	268173	50.13	ng		100
83) Bis(2-ethylhexyl)phthalate	18.49	149	217150	54.24	ng		100
84) Di-n-octyl phthalate	19.26	149	306614	50.52	ng		99
85) Indeno(1,2,3-cd)pyrene	21.26	276	215100	45.21	ng		99
87) Benzo(b)fluoranthene	19.66	252	209430	52.34	ng		99
88) Benzo(k)fluoranthene	19.69	252	204313m	51.84	ng		
89) Benzo(a)pyrene	20.01	252	188877	50.91	ng		98
90) Dibenzo(a,h)anthracene	21.27	278	187513	53.40	ng		98
91) Benzo(g,h,i)perylene	21.59	276	196372	53.37	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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